

Abstract of the Disclosure:

The hollow profiles with inner reinforcement are especially suited for use in automobile bodies. The aim of the invention is to ensure that an anti-corrosion medium reaches all areas and to obtain rigidity in a hollow structure without increasing the weight of the profile or enlarging its cross-section. To this end, a solid core material is coated with an activable material and an outer panel is arranged in such a way as to form a hollow space which can be filled through the foaming action of the activable material. The size of this hollow space is determined by how the spacers ^{are} ~~is~~ determined ^{and} by how the spacers are arranged, depending on the particular application. The solid core material consists of a foamed or non-foamed metallic material or of a synthetic material reinforced with metal fibers, carbon fibers or glass fibers.

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